

D2 71. (Amended) The method of claim 40, wherein the pH and osmolarity of said complex nutritive base are per se close to physiological conditions.

D3 75. (Amended) The method of claim 40, wherein said treatment composition consists essentially of components that are biomimetic to skin.

77. (Amended) A method of cosmetic treatment, comprising contacting human skin with a treatment composition comprising an aqueous complex nutritive base, wherein said complex nutritive base comprises the following components, the concentration of the components being expressed in milligrams per liter of solvent:

D4

L-Alanine	9.2
L-Arginine HCl	421.4
L-Asparagine (anhydrous)	14.2
L-Aspartic acid	4.0
L-Cysteine HCl·H ₂ O	42.0
L-Glutamic acid	14.8
L-Glutamine	1754.4
Glycine	7.6
L-Histidine HCl·H ₂ O	50.0
L-Isoleucine	6.0
L-Leucine	131.2
L-Lysine HCl	54.0
L-Methionine	13.5
L-Phenylalanine	10.0
L-Proline	34.6
L-Serine	126.1
L-Threonine	24.0

L-Tryptophan	9.3
L-Tyrosine 2 Na 2H ₂ O	11.7
L-Valine	70.3
d-Biotin	0.02
Folic acid	0.80
Nicotinamide	0.04
Ca D-Pantothenate	0.30
Pyridoxine HCl	0.06
Riboflavin	0.04
Thiamine HCl	0.30
Vitamin B ₁₂	0.41
i-Inositol	18.0
Putrescine 2 HCl	0.20
Sodium pyruvate	55.0
Thymidine	0.73
Adenine (HCl)	24.0
DL-Lipoic acid	0.20
D-Glucose	1080.0
Sodium chloride	6800.0
KCl	112.0
Na ₂ HPO ₄	284.0
CuSO ₄ ·5H ₂ O	0.003
Sodium acetate	300.0 (anhydrous)
HEPES (piperazine)	6600.0
Phosphorylethanolamine	0.06768

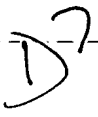
Ethanolamine	0.04684
Sodium sulphate	3.4
Sodium-bicarbonate	1160.0
FeSO ₄ ·7H ₂ O	1.39
MgCl ₂ ·6H ₂ O	120.0
CaCl ₂ ·2H ₂ O	from 13.0 to 22.05
ZnSO ₄ ·7H ₂ O	0.144
(NH ₄) ₆ MO ₇ O ₂₄ ·4H ₂ O	0.00120
Na ₂ SiO ₃ ·5H ₂ O	0.142
MnCl ₂ ·4H ₂ O	0.00002
SnCl ₂ ·2H ₂ O	0.00011
NH ₄ VO ₃	0.00057.

80. (Amended) The method of claim 40, wherein said organic components include at least one organic component selected from the group consisting of i-Inositol, Putrescine 2 HCl, Sodium pyruvate, Thymidine, Adenine (HCl), DL-Lipoic acid and D-Glucose.

112. (Amended) A method of cosmetic treatment, comprising contacting only an area of human skin whose integrity has not been breached by a wound with a treatment composition comprising an aqueous complex nutritive base comprising a plurality of amino acids, at least one vitamin, a plurality of assimilable organic components, and at least one inorganic salt, wherein said treatment composition does not comprise a biological extract of animal or cellular origin, or a living nourishing substrate, or a cellular growth stimulating compound or factor, or a hormone.

128. (Amended) A method of cosmetic treatment, comprising contacting human skin with a composition that permits per se viable *in vitro* growth of human epidermal keratinocytes, wherein said composition does not comprise either a biological extract of


animal or cellular origin, or a living nourishing substrate, and wherein said composition does not contain any cellular growth stimulating compound or factor, or any hormone.

 --129. (Amended) The method of claim 128, wherein said composition comprises a plurality of amino acids, at least one vitamin, a plurality of assimilable organic components and at least one inorganic salt.

Please add new claims 130-164 as follows:

--130. The method of claim 40, wherein said complex nutritive base supports per se viable *in vitro* growth of human epidermal keratinocytes, with no proliferation of any transformed human epidermal keratinocyte.--

--131. The method of claim 40, wherein the complex nutritive base does not have per se cytotoxic manifestations to skin.--

 --132. The method of claim 40, wherein said method is for maintaining the integrity and balance of the superficial cells of the skin.--

--133. The method of claim 112, wherein the pH and osmolarity of said complex nutritive base are per se close to physiological conditions.--

--134. The method of claim 112, wherein said treatment composition consists essentially of components that are biomimetic to skin.--

--135. The method of claim 112, wherein said amino acids include at least one amino acid selected from the group consisting of L-Alanine, L-Arginine HCl, L-Asparagine, L-Aspartic acid, L-Cysteine HCl·H₂O, L-Glutamic acid, L-Glutamine, Glycine, L-Histidine HCl·H₂O, L-Isoleucine, L-Leucine, L-Lysine HCl, L-Methionine, L-Phenylalanine, L-Proline, L-Serine, L-Threonine, L-Tryptophan, L-Tyrosine 2 Na 2H₂O, and L-Valine.--

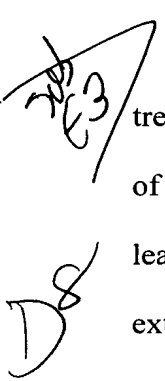
--136. The method of claim 112, wherein said at least one vitamin includes at least one vitamin selected from the group consisting of d-Biotin, Folic acid, Nicotinamide, Ca D-Pantothenate, Pyridoxine HCl, Riboflavin, Thiamine HCl, and Vitamin B₁₂.--

--137. The method of claim 112, wherein said organic components include at least one organic component selected from the group consisting of i-Inositol, Putrescine 2 HCl, Sodium pyruvate, Thymidine, Adenine (HCl), DL-Lipoic acid and D-Glucose:-----

--138. The method of claim 112, wherein said complex nutritive base supports per se viable *in vitro* growth of human epidermal keratinocytes, with no proliferation of any transformed human epidermal keratinocyte.--

--139. The method of claim 112, wherein the complex nutritive base does not have per se cytotoxic manifestations to skin.--

--140. The method of claim 112, wherein said method is for maintaining the integrity and balance of the superficial cells of the skin.--

--141. A method of cosmetic treatment, comprising contacting human skin with a treatment composition comprising an aqueous complex nutritive base comprising a plurality of amino acids, at least one vitamin, a plurality of assimilable organic components and at least one inorganic salt, wherein said treatment composition does not contain a biological extract of animal or cellular origin, of a living nourishing substrate, and wherein said treatment composition consists essentially of components that are biomimetic to skin.--

--142. The method of claim 141, wherein said complex nutritive base supports per se viable *in vitro* growth of human epidermal keratinocytes.--

--143. The method of claim 141, wherein the pH and osmolarity of said complex nutritive base are per se close to physiological conditions.--

--144. The method of claim 141, wherein said amino acids include at least one amino acid selected from the group consisting of L-Alanine, L-Arginine HCl, L-Asparagine, L-Aspartic acid, L-Cysteine HCl·H₂O, L-Glutamic acid, L-Glutamine, Glycine, L-Histidine HCl·H₂O, L-Isoleucine, L-Leucine, L-Lysine HCl, L-Methionine, L-Phenylalanine, L-Proline, L-Serine, L-Threonine, L-Tryptophan, L-Tyrosine 2 Na 2H₂O, and L-Valine.--

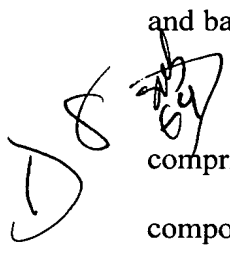
--145. The method of claim 141, wherein said at least one vitamin includes at least one vitamin selected from the group consisting of d-Biotin, Folic acid, Nicotinamide, Ca

~~D-Pantothenate, Pyridoxine HCl, Riboflavin, Thiamine HCl, and Vitamin B₁₂.~~

--146. The method of claim 141, wherein said organic components include at least one organic component selected from the group consisting of i-Inositol, Putrescine 2 HCl, Sodium pyruvate, Thymidine, Adenine (HCl), DL-Lipoic acid and D-Glucose.--

--147. The method of claim 141, wherein the complex nutritive base does not have per se cytotoxic manifestations to skin.--

--148. The method of claim 141, wherein said method is for maintaining the integrity and balance of the superficial cells of the skin.--

 --149. A cosmetic composition, comprising an aqueous complex nutritive base comprising a plurality of amino acids, at least one vitamin, a plurality of assimilable organic components and at least one inorganic salt, wherein said cosmetic composition does not comprise a biological extract of animal or cellular origin, or a living nourishing substrate, or a cellular growth stimulating compound or factor, or a hormone.--


--150. The cosmetic composition of claim 149, wherein the pH and osmolarity of said complex nutritive base are per se close to physiological conditions.--

--151. The cosmetic composition of claim 149, wherein said cosmetic composition consists essentially of components that are biomimetic to skin.--


--152. The cosmetic composition of claim 149, wherein said amino acids include at least one amino acid selected from the group consisting of L-Alanine, L-Arginine HCl, L-Asparagine, L-Aspartic acid, L-Cysteine HCl·H₂O, L-Glutamic acid, L-Glutamine, Glycine, L-Histidine HCl·H₂O, L-Isoleucine, L-Leucine, L-Lysine HCl, L-Methionine, L-Phenylalanine, L-Proline, L-Serine, L-Threonine, L-Tryptophan, L-Tyrosine 2 Na 2H₂O, and L-Valine.--

--153. The cosmetic composition of claim 149, wherein said at least one vitamin includes at least one vitamin selected from the group consisting of d-Biotin, Folic acid, Nicotinamide, Ca-D-Pantothenate, Pyridoxine-HCl, Riboflavin, Thiamine HCl, and Vitamin B₁₂.--

--154. The cosmetic composition of claim 149, wherein said organic components include at least one organic component selected from the group consisting of i-Inositol, Putrescine 2 HCl, Sodium pyruvate, Thymidine, Adenine (HCl), DL-Lipoic acid and D-Glucose.--

--155. The cosmetic composition of claim 149, wherein said complex nutritive base supports per se viable *in vitro* growth of human epidermal keratinocytes, with no proliferation of any transformed human epidermal keratinocyte.--

--156. The cosmetic composition of claim 149, wherein the complex nutritive base does not have per se cytotoxic manifestations to skin.--

--157. A cosmetic composition, comprising an aqueous complex nutritive base comprising a plurality of amino acids, at least one vitamin, a plurality of assimilable organic components and at least one inorganic salt, wherein said cosmetic composition does not contain a biological extract of animal or cellular origin, or a living nourishing substrate, and wherein said cosmetic composition consists essentially of components that are biomimetic to skin.--

--158. The cosmetic composition of claim 157, wherein said complex nutritive base supports per se viable *in vitro* growth of human epidermal keratinocytes.--

--159. The cosmetic composition of claim 157, wherein the pH and osmolarity of said complex nutritive base are per se close to physiological conditions.--

--160. The cosmetic composition of claim 157, wherein said amino acids include at least one amino acid selected from the group consisting of L-Alanine, L-Arginine HCl,

L-Asparagine, L-Aspartic acid, L-Cysteine HCl·H₂O, L-Glutamic acid, L-Glutamine, Glycine,
L-Histidine HCl·H₂O, L-Isoleucine, L-Leucine, L-Lysine HCl, L-Methionine, L-Phenylalanine,
L-Proline, L-Serine, L-Threonine, L-Tryptophan, L-Tyrosine-2-Na-2H₂O, and L-Valine.

--161. The cosmetic composition of claim 157, wherein said at least one vitamin includes at least one vitamin selected from the group consisting of d-Biotin, Folic acid, Nicotinamide, Ca D-Pantothenate, Pyridoxine HCl, Riboflavin, Thiamine HCl, and Vitamin B₁₂.


DS --162. The cosmetic composition of claim 157, wherein said organic components include at least one organic component selected from the group consisting of i-Inositol, Putrescine 2 HCl, Sodium pyruvate, Thymidine, Adenine (HCl), DL-Lipoic acid and D-Glucose.

--163. The cosmetic composition of claim 157, wherein the complex nutritive base does not have per se cytotoxic manifestations to skin.

--164. A cosmetic composition, comprising an aqueous complex nutritive base comprising the following components, the concentration of the components being expressed in milligrams per liter of solvent:

L-Alanine	9.2
L-Arginine HCl	421.4
L-Asparagine (anhydrous)	14.2
L-Aspartic acid	4.0
L-Cysteine HCl·H ₂ O	42.0
L-Glutamic acid	14.8
L-Glutamine	1754.4
Glycine	7.6
L-Histidine HCl·H ₂ O	50.0

L-Isoleucine	6.0
L-Leucine	131.2
L-Lysine-HCl	54.0
L-Methionine	13.5
L-Phenylalanine	10.0
L-Proline	34.6
L-Serine	126.1
L-Threonine	24.0
L-Tryptophan	9.3
L-Tyrosine 2 Na 2H ₂ O	11.7
L-Valine	70.3
d-Biotin	0.02
Folic acid	0.80
Nicotinamide	0.04
Ca D-Pantothenate	0.30
Pyridoxine HCl	0.06
Riboflavin	0.04
Thiamine HCl	0.30
Vitamin B ₁₂	0.41
i-Inositol	18.0
Putrescine 2 HCl	0.20
Sodium pyruvate	55.0
Thymidine	0.73
Adenine (HCl)	24.0
DL-Lipoic acid	0.20



D-Glucose	1080.0
Sodium chloride	6800.0
KCl	112.0
Na ₂ HPO ₄	284.0
CuSO ₄ ·5H ₂ O	0.003
Sodium acetate	300.0 (anhydrous)
HEPES (piperazine)	6600.0
Phosphorylethanolamine	0.06768
Ethanolamine	0.04684
Sodium sulphate	3.4
Sodium bicarbonate	1160.0
FeSO ₄ ·7H ₂ O	1.39
MgCl ₂ ·6H ₂ O	120.0
CaCl ₂ ·2H ₂ O	from 13.0 to 22.05
ZnSO ₄ ·7H ₂ O	0.144
(NH ₄) ₆ MO ₇ O ₂₄ ·4H ₂ O	0.00120
Na ₂ SiO ₃ ·5H ₂ O	0.142
MnCl ₂ ·4H ₂ O	0.00002
SnCl ₂ ·2H ₂ O	0.00011
NH ₄ VO ₃	0.00057.--

REMARKS

Claims 40, 71, 75, 77-80, 112 and 128-164 are pending. Claims 41, 65, 66, 70, 72-74, 76, 81-95 and 113-127 are canceled; claims 40, 71, 75, 77, 80, 112, 128 and 129 are amended; and claims 130-164 are added herein.